Meet the most powerful

μC system available for dedicated work.

Yet it's only $595.*

*kit price

Here's the muscle you've been telling us you wanted: a powerful Cromemco microcomputer in a style and price range ideal for your dedicated computer jobs — ideal for industrial, business, instrumentation and similar applications.

It's the new Cromemco Z-2 Computer System. In the Z-2 you get all of the following for only $595:

- The industry's fastest μP board (4 MHz or 250-nanosecond cycle time).
- The power and convenience of the well-known Z-80 μP.
- A power supply you won't believe (+8V @ 30A, +18V and −18V @ 15A. That's not only ample power for a full set of cards but ample additional power for other peripherals such as floppy disk drives).
- A full-length **shielded** motherboard with 21 card slots to let you plug in almost any conceivable combination of memory, I/O or your own custom circuits.
- Power-on-jump circuitry to begin automatic program execution when power is turned on.
- The S-100 bus that's widely supported by a host of peripherals manufacturers.
- All-metal chassis and dust case.
- Standard rack-mount style construction that's usable with a variety of cabinets and is upward compatible with larger systems. Bench cabinet optional.
- Card retainer to secure cards in sockets under all conditions.
- 110- or 220-volt operation.

DEDICATED APPLICATIONS

The new Z-2 is specifically designed as a powerful but economical dedicated computer for systems work. Notice that the front panel is entirely free of controls or switches of any kind. That makes the Z-2 virtually tamper-proof. No accidental program changes or surprise memory erasures.

(For your custom work, Cromemco will supply blank panels.)

4 MHz SPEED

Cromemco's microcomputers are the fastest and most powerful available. The 4 MHz speed of the Z-2 means you get about twice the speed of nearly any other microcomputer.

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Cromemco

OVER

Full-width motherboard has slots for 21 cards.

Z-2 is supplied for rack mounting. Attractive bench cabinet shown is also available.

Heavy-duty retainer bar insures that cards won't jostle out of sockets.

That 4 MHz speed cuts running time in half — cuts your waiting time in half. Lets you do more sophisticated work that might not otherwise be practical with a microcomputer.

Z-80 GIVES MORE COMPUTER POWER

The Z-2 uses the powerful Z-80 microprocessor with its 158-instruction set, 19 internal registers, 10 addressing modes, and 16 bit arithmetic operations.

The Z-80 is widely regarded as the standard microprocessor of the future. So you're in the technical fore with the Z-2. But you can also plug in other microprocessor cards if you wish.

BROAD SOFTWARE SUPPORT

Since the Z-2 uses the Z-80, your present 8080 software can be used with the Z-2. In addition, Cromemco also offers software support including a monitor, assembler, and a BASIC interpreter.

STANDARD S-100 BUS

The Z-2 uses the S-100 bus that has become standard in the microcomputer field. Dozens of manufacturers support it with compatible peripherals.

Of course, all Cromemco peripherals such as our 7-channel A/D and D/A converter, our well-known BYTESAVER with its built-in PROM programmer, our color graphics interface, etc., will also plug into the bus.

LOW NOISE

Cromemco engineers have been careful to design the Z-2 for reliable operation at its fast 4 MHz speed. Noise on the motherboard, for example, has been carefully minimized by a unique ground-plane design (we call it our "Blitz Bus™"). With this bus you won't get erratic operation due to ground current noise.

RACK OR CABINET MOUNTING

The basic Z-2 is supplied in a black-anodized metal case for mounting in a standard 19-inch relay rack. A high-quality stylized bench cabinet in an attractive blue color is also available.

KIT OR ASSEMBLED

You can get the Z-2 either kit or assembled. The kit includes the Z-2 for rack mounting, the Cromemco 4 MHz microprocessor card, full-length 21-card-slot motherboard, power supply, one card socket and card-guide set, and front panel.

The assembled Z-2 includes the above as well as all 21 sockets and card guides and a cooling fan.

LOW, LOW PRICE

All who've seen the Z-2 have been surprised and impressed with its low price.

You'll be impressed, too, with its technical excellence and quality.

So see it right away at your computer store — or order now directly from the factory.

The sooner you put this advanced computer to work for you, the sooner you'll be solving problems and saving time/money.

Z-2 Computer System kit (Model Z-2K) ..... $595.
Z-2 Computer System assembled (Model Z-2W) ..... $995.

Cromemco
incorporated
Specialists in computers and peripherals
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